

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/IB 03/04802

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01R33/421

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, EMBASE, PAJ, WPI Data, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 561 371 A (SCHENCK JOHN F) 1 October 1996 (1996-10-01)	1-4, 15, 17, 18
Y	column 5, line 62 - column 6, line 41; figure 7	5-14, 16, 19-28
X	US 5 349 318 A (INOUE YUJI) 20 September 1994 (1994-09-20) column 3, line 5 - line 35 column 4, line 2 - line 46	1-4, 15, 17, 18

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

29 January 2004

Date of mailing of the international search report

18/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KIMMLINGEN R ET AL: "GRADIENT SYSTEM PROVIDING CONTINUOUSLY VARIABLE FIELD CHARACTERISTICS" MAGNETIC RESONANCE IN MEDICINE, ACADEMIC PRESS, DULUTH, MN, US, vol. 47, no. 4, April 2002 (2002-04), pages 800-808, XP001104708 ISSN: 0740-3194 * chapter "Coil Design" *	5,6
Y	EP 0 562 707 A (PICKER INT INC) 29 September 1993 (1993-09-29) claim 10; figure 4	12-14
Y	US 6 479 999 B1 (DEMEESTER GORDON D ET AL) 12 November 2002 (2002-11-12) column 7, line 30 - column 9, line 2	7-11,16, 19-28
X	EP 1 094 330 A (MARCONI MEDICAL SYS INC) 25 April 2001 (2001-04-25) paragraph '0049! - paragraph '0055!; claims 1,2	27,28
X,P	DE MEESTER G.D. ET AL: "Method of gradient coil design that allows control of the residual eddy current effect" PROCEEDINGS OF THE ISMRM, ELEVENTH MEETING, 10 July 2003 (2003-07-10), page 2416, XP002268466 TORONTO the whole document	27,28
X,P	SHVARTSMAN S.M. ET AL: "Gradient coil design with 3D geometry and variable field-of-view" PROCEEDINGS OF THE ISMRM, ELVENTH MEETING, 10 July 2003 (2003-07-10), page 743, XP002268467 TORONTO the whole document	1-26
A	US 5 349 296 A (CIKOTTE LEONARD J ET AL) 20 September 1994 (1994-09-20) column 11, line 55 - line 62	18,21, 23,24
A	DEMEESTER G. ET AL: "Shielded Gradient Coil Design with Variable Field-of-View" PROCEEDINGS OF THE ISMRM, TENTH MEETING, 18 May 2002 (2002-05-18), XP002268465 HONOLULU, HI, USA the whole document	1,5-7, 11,18-26

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern: Application No

PCT/IB 03/04802

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